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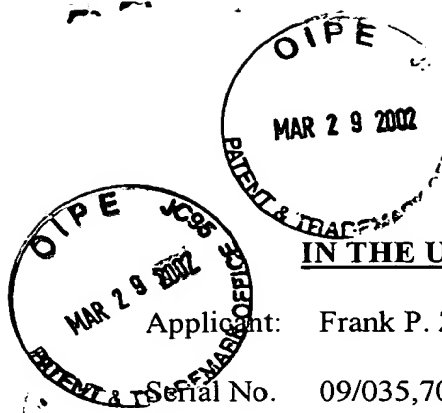
PATENT TRADEMARK OFFICE  
Atty. Docket: 918307480194

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Frank P. Zemlan et al. : Paper No:  
Serial No. 09/035,708 : Group Art Unit: 1647  
Filed: March 5, 1998 : Examiner: Robert C. Hayes, Ph.D.

For: METHOD OF DETECTING AXONAL DAMAGE, ASSOCIATED DISEASE STATES, AND RELATED MONOCLONAL ANTIBODIES AND PROTEIN CONTROLS THEREFOR

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.116

Box AF  
The Assistant Commissioner For Patents  
Washington, D.C. 20231

Dear Sir:

In further response to the Office Action, dated January 2, 2002, relating to the above patent application, and to supplement the Amendment, filed on March 12, 2002, please add the following new claim. Based on the comments made by the Examiner in the January 2 Office Action, new claim 32 should be allowable and, therefore, should be entered under 37 C.F.R. § 1.116.

Claim 32. (new) A method of determining axonal damage in the head of a patient suspected of having a cerebrovascular accident, said method comprising the steps of:

- (a) obtaining a sample of cerebrospinal fluid from said patient;
- (b) treating said sample of cerebrospinal fluid with at least one monoclonal antibody, said at least one monoclonal antibody having been raised against an axonally-derived tau protein of SEQ ID NO:1;
- (c) detecting the presence of said axonally-derived tau protein bound to said at least one monoclonal antibody; and
- (d) comparing the amount of said axonally-derived tau protein bound to said at least one monoclonal antibody in step (c) to control samples from the group representing a normal undamaged axon state and those representing an axonal damage state.

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